

Title (en)

Support roller and roller frame comprising same

Title (de)

Stützwalze und damit ausgerüstetes Walzgerüst

Title (fr)

Cylindre d'appui et cage de laminoir en étant équipée

Publication

EP 2392416 B1 20120725 (DE)

Application

EP 11162611 A 20110415

Priority

DE 102010029598 A 20100601

Abstract (en)

[origin: EP2392416A1] The roller (1) has a bolt (W) extending between pivots (2, 3) and comprising a non-cylindrical outer contour arranged symmetrical to a central line (ML) of the bolt. The bolt comprises two outer contour regions (7, 8) that are parabolically formed in a region between the line and edge regions (5, 6) in a longitudinal section, where curvature of the contour regions is moved in opposite directions. An apex of the curvature of the contour regions is arranged adjacent to the edge regions to a roll axis, where the apex arranged adjacent to the line points away from the roller.

IPC 8 full level

B21B 27/02 (2006.01)

CPC (source: EP)

B21B 27/021 (2013.01); **B21B 13/14** (2013.01); **B21B 2267/18** (2013.01); **B21B 2267/20** (2013.01)

Cited by

CN113399464A; CN102794307A; CN108883449A; EP3444043A4

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2392416 A1 20111207; **EP 2392416 B1 20120725**; DE 102010029598 A1 20111201

DOCDB simple family (application)

EP 11162611 A 20110415; DE 102010029598 A 20100601